

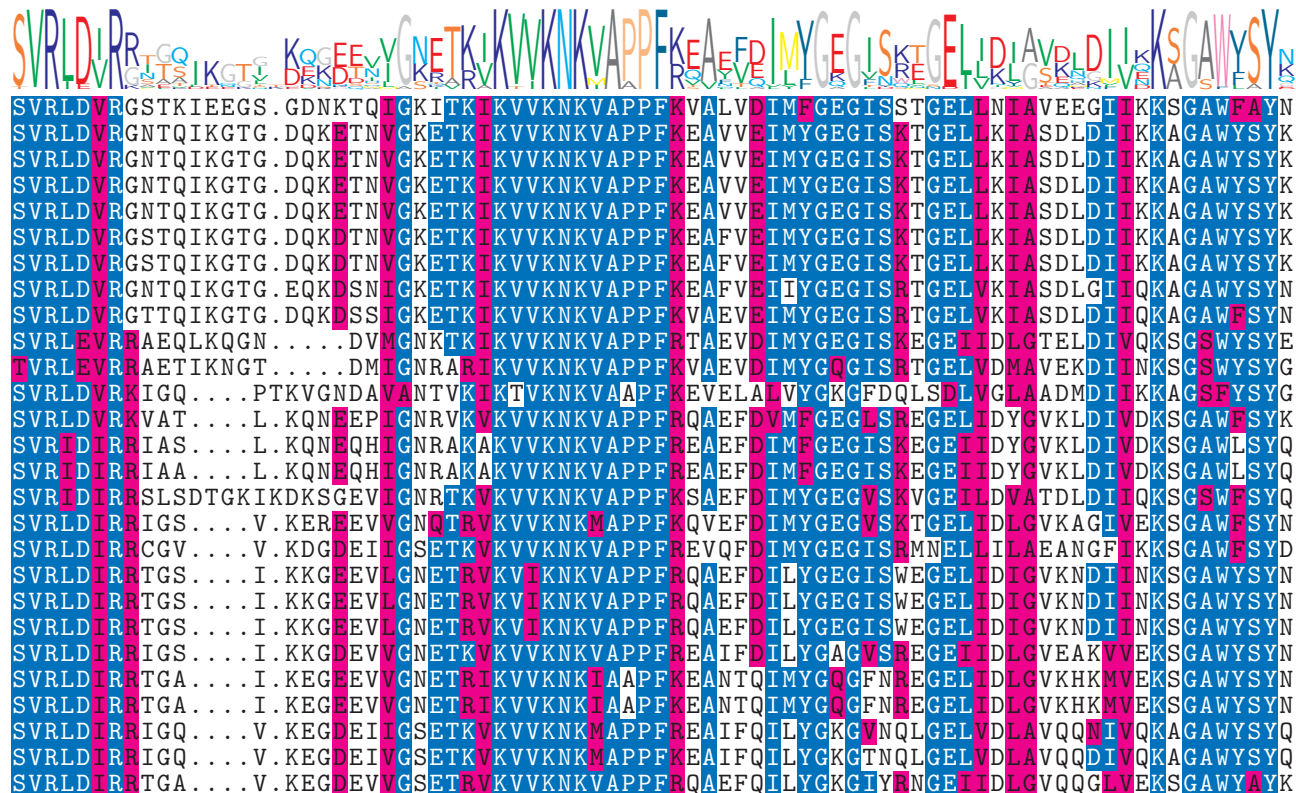
logo



NTDB id 600 KW2 RS01765 WP 011675413.1	.....MATKKKTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGEA	.ANQKVS	VSSGSLALDI	ALGAGGYPKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.....MAKKPKKLEEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.....MAKKPKKLEEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73
NTDB id 194 SPR RS08825 WP 001085462.1	.....MAKKPKKLEEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73
NTDB id 159 SP RS09750 WP 001085462.1	.....MAKKPKKLEEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73
NTDB id 499 SM12261 RS08315 WP 078228268.1	.....MAKKPKKLDEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.....MAKKPKKLDEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.....MAKRIKKTTEEITKKFGD	ERRKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSS	GSLALDI	ALGAGGYPKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.....MAKKLKKNEEITKKFGD	ERRKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSS	GSLALDI	ALGAGGYPKGR	73
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQ	IEKQFGKGSIMKLG	EK.TDTRISTVPS	GSLALDI	TALGIGGYPRGR	58	
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKK	IEKNFGKGSIMRMGEK	.VDTQVSTVSS	GSLALDEAL	GVGGYPRGR	60	
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDAT.KEISAP	TDAKERSKATETAMS	QIEKAFGKGSIMKLG	AE.SKLDVQVV	STGSLSLDL	ALGVGGIPRGR	72
NTDB id 1245 Cj1673c YP 002345041.1	.....MDDNKRKSLDAALKS	LDKTFGKGTILRLG	DK.EVEQIDS	IGTGSVGLDL	ALGIGGVPKGR	59	
NTDB id 1211 C694 RS00795 WP 000963128.1M.AIDEDKQKATISLA	IKQIDKVF	FGKGA	LVR	LDK.QVEKIDS	ISTGSLGLDL	ALGIGGVPKGR	61
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NTDB id 1334 RAOC RS04870 WP 004918236.1MA...K.TETT..SPND	DKKALA	AVLEKLDKTYGKGTVMKLG	DGTVDHNI	IEVIPSGSLGLDL	ALGVGGYPKGR	68	
NTDB id 216042 BW076 RS23185 WP 010969478.1	.....MAQNSL.RLVE..DKSV	DKSKALEAALS	QIERSFGKGSIMKLG	AKDSVVEI	ETVSTGSLGLDI	ALGIGGLPKGR	71
NTDB id 1389 A4U84 RS07560 WP 021112712.1	MAENKKSSKNNT.VVKQ..	VEPEQKKQALEAALA	QIEKQFGKGSIMKLG	QT.EQLDIES	VSTGSLGLDL	ALGIGGLPMGR	76	
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALA	QIEKSF	GKGAIMKMDGSQ	QEE	NLEVISTGSLGLDL	ALGVGGLPRGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALA	QIEKSF	GKGAIMKMDGSQ	QEE	NLEVISTGSLGLDL	ALGVGGLPRGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSDDKSKALAAALA	QIEKSF	GKGAIMKMDGSQ	QEE	NLEVISTGSLGLDL	ALGVGGLPRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	MEDG.....KKA..SMSA	EKQKALAAALA	QIEKQFGKGSIMKMG	DA.EVEPVQV	VSTGSLGLD	VALGVGGLPRGR	68	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAAALG	QIEKQFGKGSIMRLG	DN.RAMDVET	ISTGSLSLDI	ALGAGGLPMGR	59	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAAALG	QIEKQFGKGSIMRLG	DN.RAMDVET	ISTGSLSLDI	ALGAGGLPMGR	59	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDENKSKALQAALS	QIEKQFGKNTVMRLG	DN.TVQAVEA	VSTGSLTLDI	ALGIGGLPKGR	59	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDENKSKALQAALS	QIEKQFGKNTVMRLG	DN.TVQAVEA	VSTGSLTLDI	ALGIGGLPKGR	59	
NTDB id 1205 PSJM300 05545 AFN77183.1MDENKKRALAAALG	QIEKQFGKGAVMRMG	DH.DRQAIPS	ISTGSLGLDI	ALGIGGLPKGR	59		
consensus		*** ** *	*****	!!!!*****	*	*****!!!!!!!	!!! !!!	

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NTDB id 600 KW2 RS01765 WP 011675413.1
 NTDB id 269 KZH43 RS08665 WP 001085462.1
 NTDB id 228 SPD RS09265 WP 001085462.1
 NTDB id 194 SPR RS08825 WP 001085462.1
 NTDB id 159 SP RS09750 WP 001085462.1
 NTDB id 499 SM12261 RS08315 WP 078228268.1
 NTDB id 527 SMSK321 RS11065 WP 001085454.1
 NTDB id 408 SMU RS09530 WP 002262392.1
 NTDB id 453 Spy49 1753c ACI62003.1
 NTDB id 115 BSU 16940 NP 389576.2
 NTDB id 625 LCA RS02525 WP 011374196.1
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 NTDB id 1211 C694 RS00795 WP 000963128.1
 NTDB id 1214 NCTC11637 00359 SQJ03206.1
 NTDB id 1334 RAOC RS04870 WP 004918236.1
 NTDB id 216042 BW076 RS23185 WP 010969478.1
 NTDB id 1389 A4U84 RS07560 WP 021112712.1
 NTDB id 1130 NGFG RS03960 WP 003688695.1
 NTDB id 1124 NGFG RS03960 WP 003688695.1
 NTDB id 1123 OK783 RS03845 WP 003688695.1
 NTDB id 1427 RS RS02760 WP 011000510.1
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 NTDB id 1142 GTF74 RS11550 WP 000344154.1
 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
 NTDB id 1205 PSJM300 05545 AFN77183.1



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NTDB id 600 KW2 RS01765 WP 011675413.1	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	EIEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	EIEE	388
NTDB id 194 SPR RS08825 WP 001085462.1	EIEE	388
NTDB id 159 SP RS09750 WP 001085462.1	EIEE	388
NTDB id 499 SM12261 RS08315 WP 078228268.1	EIEE	384
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NTDB id 408 SMU RS09530 WP 002262392.1	ED..	383
NTDB id 453 Spy49 1753c ACI62003.1	ED..	378
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NTDB id 1211 C694 RS00795 WP 000963128.1	347
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NTDB id 1334 RAOC RS04870 WP 004918236.1	343
NTDB id 216042 BW076 RS23185 WP 010969478.1	361
NTDB id 1389 A4U84 RS07560 WP 021112712.1	372
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	349
NTDB id 1205 PSJM300 05545 AFN77183.1	347

consensus

 non conserved
 similar
 ≥ 50% conserved